

AMENDMENTS

In the Claims:

1. (Currently Amended) A flow measurement device, comprising:
a flow path in which a fluid is to be measured;
a flow sensor provided on a wall surface of the flow path; and
a member having a minimal cross-section flow path, the member being disposed downstream of the flow sensor, and having an opening ratio of less than 6.25%, wherein the opening ratio is a ratio of a total open area of the member to a total area of the member.
2. (Previously Presented) The flow measurement device as in Claim 1, wherein the member having the minimal cross-section flow path is a perforated plate having an aperture as the minimal cross-section flow path.
3. (Previously Presented) The flow measurement device as in Claim 1, wherein a mesh is disposed at an upstream side of the member having the minimal cross-section flow path.
4. (Previously Presented) The flow measurement device as in Claim 2, wherein the aperture is eccentric with respect to a center of the flow path.
5. (Original) The flow measurement device as in Claim 2, wherein the aperture comprises a plurality of apertures.
6. (Original) The flow measurement device as in Claim 2, wherein the aperture comprises a plurality of apertures disposed like a mesh.

7. (Original) The flow measurement device as in Claim 2, wherein the perforated plate comprises a plurality of plates.

8. (Original) The flow measurement device as in Claim 7, wherein the plurality of plates are spaced by a specified distance.

9. (Previously Presented) The flow measurement device as in Claim 2, wherein a shape of a cross section of the aperture in an axial direction is oblique with respect to an axial line of the flow path.

10. (Original) The flow measurement device as in Claim 2, wherein the aperture is etched from both sides or one side.

11. (Previously Presented) The flow measurement device as in Claim 2, wherein the aperture is beveled from both sides or one side.

12. (Original) The flow measurement device as in Claim 2, wherein the perforated plate is a plane.

13. (Previously Presented) The flow measurement device as in Claim 2, wherein the perforated plate is a sphere protruding toward an upstream side or a downstream side.

14. (Previously Presented) The flow measurement device as in Claim 2, wherein the perforated plate is formed of a material having a flexibility or an elasticity, such that it is able to deform in a flow direction.

15. (Previously Presented) The flow measurement device as in Claim 1, wherein the member having the minimal cross-section flow path is a foamed body or a sintered body which has a plurality of non-linear continuous flow paths inside.

16. (Previously Presented) The flow measurement device as in Claim 1, wherein the member having the minimal cross-section flow path is a member combined with a number of pipes.